

Federal Bridge CA Certificate Policy Change Proposal

Change Serial Number: 2001-12

Title: Remove requirement for backup power for directories

Date: 05 November 2001

Version and Date of Certificate Policy Requested to be changed:

X.509 Certificate Policy For The Federal Bridge Certification Authority (FBCA), dated 14 June 2001

Change Advocate Contact Information:

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Organization requesting change: CPWG

Change summary: Removes requirement for backup power for directories.

Background:

The CP currently requires that Agency directories have sufficient backup power for six hours operation to support a smooth shutdown. There does not seem to be any justification for 'six hours' operation for directories. Smooth shutdown takes much less time. A redundant directory system, where applications are configured to query a sequence of directories until one responds, precludes the need for any one directory to be active. It is recommended that the second sentence be removed.

Specific Changes:

Existing text:

Section 5.1.3, Electrical Power:

The FBCA and Agency CAs (operating at the Basic Assurance level or higher) shall have backup capability sufficient to automatically lockout input, finish any pending actions, and record the state of the equipment before lack of power or air conditioning causes a shutdown. The FBCA and Agency CA directories (containing FBCA and Agency CA issued certificates and CARLs) shall be provided with Uninterrupted Power sufficient for a minimum of six hours operation in the absence of commercial power, to support a smooth shutdown of the FBCA and Agency CA operations.

Proposed revised text:

Strike second sentence, leaving:

The FBCA and Agency CAs (operating at the Basic Assurance level or higher) shall have backup capability sufficient to automatically lockout input, finish any pending actions, and record the state of the equipment before lack of power or air conditioning causes a shutdown.

Estimated Cost:

Assuming that the Agency CAs are already following vendor procedures for installing their hardware cryptographic modules, there should be very little cost associated with generating the auditable evidence. At the High and Medium levels, ensuring the presence of an independent third party may incur cost; however, organizational independence is recognized (e.g., an IG).

Implementation Date:

This change will be implemented immediately.

Prerequisites for Adoption:

There are no prerequisites.

Plan to Meet Prerequisites:

There are no prerequisites.

Approval and Coordination Dates:

Date presented to CPWG: 05 November 2001

Date CPWG recommended approval: 05 November 2001

Date Presented to FPKI PA:

Date of approval by FPKI PA: